

TABLE 57

Federal obligations for research and experimental development and for R&D plant, by state or location: FY 2021

(Dollars in thousands)

State or location	Total	R&D	R&D plant
All locations	193,680,669	189,398,467	4,282,202
Alabama	3,974,078	3,966,904	7,174
Alaska	331,271	322,626	8,646
Arizona	1,674,777	1,663,321	11,455
Arkansas	302,966	300,252	2,714
California	23,274,515	22,618,185	656,330
Colorado	6,367,010	6,229,985	137,025
Connecticut	2,617,235	2,597,155	20,080
Delaware	307,925	306,913	1,012
District of Columbia	39,172,915	39,038,621	134,294
Florida	4,168,258	4,094,695	73,563
Georgia	1,676,384	1,653,954	22,429
Hawaii	491,852	485,890	5,963
Idaho	994,022	672,104	321,918
Illinois	4,065,555	3,532,719	532,836
Indiana	1,083,239	1,080,842	2,396
Iowa	690,803	686,259	4,544
Kansas	426,576	413,888	12,688
Kentucky	548,279	542,299	5,981
Louisiana	486,649	456,813	29,836
Maine	248,866	248,866	0
Maryland	17,990,305	17,564,594	425,711
Massachusetts	9,518,485	9,496,432	22,053
Michigan	2,085,310	2,070,494	14,816
Minnesota	1,146,666	1,144,953	1,713
Mississippi	466,765	454,921	11,844
Missouri	2,069,981	2,058,775	11,205
Montana	287,513	287,208	305
Nebraska	304,894	302,638	2,255
Nevada	746,981	551,831	195,150
New Hampshire	530,068	522,631	7,437
New Jersey	3,603,135	3,398,171	204,964
New Mexico	4,083,574	3,881,144	202,430
New York	6,988,333	6,830,934	157,399
North Carolina	3,639,482	3,620,371	19,111
North Dakota	171,189	168,097	3,092
Ohio	3,923,225	3,856,489	66,737
Oklahoma	1,518,229	1,505,105	13,124
Oregon	1,097,142	1,069,952	27,190
Pennsylvania	4,569,401	4,544,785	24,616
Rhode Island	882,904	866,046	16,858
South Carolina	1,449,437	1,434,459	14,978
South Dakota	139,030	132,148	6,883
Tennessee	4,134,316	3,461,773	672,544
Texas	6,197,068	6,131,234	65,834
Utah	2,440,493	2,439,690	802
Vermont	245,219	244,489	730
Virginia	9,797,653	9,740,743	56,910
Washington	3,771,889	3,735,831	36,058
West Virginia	200,795	199,238	1,557
Wisconsin	991,547	989,462	2,085

TABLE 57

Federal obligations for research and experimental development and for R&D plant, by state or location: FY 2021

(Dollars in thousands)

State or location	Total	R&D	R&D plant
Wyoming	196,837	196,837	0
Outlying areas	233,908	228,980	4,927
Puerto Rico	120,462	120,136	325
Other areas ^a	113,446	108,844	4,602
Offices abroad ^b	179,044	179,044	0
Undistributed ^c	5,176,678	5,176,678	0

^a Includes American Samoa, Baker Island, Guam, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Northern Mariana Islands, Palmyra Atoll, U.S. Virgin Islands, and Wake Island.

^b Includes R&D performed or administered in foreign countries by the U.S. government and federal obligations for R&D plant located in foreign countries.

^c Department of Defense (DOD) obligations for which the location of performance is not reported.

Note(s):

Because of rounding, detail may not add to total. Geographic distribution of DOD development funding to businesses reflects location of prime contractors and not the numerous subcontractors who perform much of the R&D. FY 2021 obligations include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act).

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2021–22.